

ABSTRACT OF THE DISCLOSURE

The invention provides a car-mounted imaging apparatus that renders a frame rate variable and yet does not spoil image quality and does not either invite the drop of sensitivity and deterioration of an S/N ratio. The car-mounted imaging apparatus 1 has two-dimensional imaging means (pixel unit 3, vertical scanning unit 4, horizontal scanning unit 5, output unit 7) having a large number of pixels 2 arranged in a two-dimensional matrix, and pixel information addition means (pixel switch control unit 8) for combining a plurality of pixels 2 and adding and extracting their pixel information. When the number of combination of the pixels 2 is changed, a frame rate becomes variable.